

ABSTRACT OF THE DISCLOSURE

In a surface acoustic wave device using a Shear Horizontal type surface acoustic wave, at least one interdigital transducer (IDT) is made of a material having a larger mass-load effect than that of aluminum. The metallization ratio of the IDT and the normalization film thickness  $h/\lambda$  of the IDT are controlled such that ripple caused by a transversal mode wave is about 0.5 dB or less, where "h" indicates the film thickness of the electrodes and " $\lambda$ " indicates the wavelength of a surface acoustic wave.